

## Freeform Search

**Database:** US Pre-Grant Publication Full-Text Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:**

**Display:**  **Documents in Display Format:**  **Starting with Number**

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

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Interrupt

### Search History

**DATE:** Wednesday, September 26, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
	DB=USPT; PLUR=YES; OP=OR		
L26	'5200601'.pn.	1	L26
L25	'5200601'.pn.	1	L25
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L24	114 and 235/492	28	L24
L23	235/492	6517	L23
	DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
L22	L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")	1	L22
L21	L5 and (telephony with interface or wireless with interface or wireline with communications with interface or "ir" or radio with frequency with interface or "rf")	1	L21
	DB=DWPI,TDBD; PLUR=YES; OP=OR		
L20	L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")	1	L20
	DB=EPAB,JPAB; PLUR=YES; OP=OR		

<u>L19</u>	L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")	0	<u>L19</u>
<u>L18</u>	L5 and (telephony with interface or wireless with interface or wireline with communications with interface or "ir" or radio with frequency with interface or "rf")	0	<u>L18</u>
	<i>DB=DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L17</u>	L5 and (telephony with interface or wireless with interface or wireline with communications with interface or "ir" or radio with frequency with interface or "rf")	1	<u>L17</u>
<u>L16</u>	L6 and (card with stripe with reader or barcode with reader or keypad or touch with screen or smart with card with reader or kiosk or memory with card)	1	<u>L16</u>
	<i>DB=EPAB,JPAB; PLUR=YES; OP=OR</i>		
<u>L15</u>	L6 and (card with stripe with reader or barcode with reader or keypad or touch with screen or smart with card with reader or kiosk or memory with card)	0	<u>L15</u>
	<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>		
<u>L14</u>	L6 and (card with stripe with reader or barcode with reader or keypad or touch with screen or smart with card with reader or kiosk or memory with card)	195	<u>L14</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L13</u>	L6 and (card with stripe with reader or barcode with reader or keypad or touch with screen or smart with card with reader or kiosk or memory with card)	196	<u>L13</u>
<u>L12</u>	705/1	7650	<u>L12</u>
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L11</u>	("5834756")[URPN]	36	<u>L11</u>
	(5396545   5019696   4839508   5444616   5440108   4795898   5412253   5329274   5229652   5434398   4701601   5412192   5438184   5200601		
<u>L10</u>	5426667   5362952   5221838   5061842   5192947   5434404   5128524   5256867   4692604   4277837   5124697   5153582   5466920   4791283   5225666   4875038   5180905   5266789)![PN]	32	<u>L10</u>
<u>L9</u>	("5834756")[PN]	1	<u>L9</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L8</u>	L7 not @py>1998	4	<u>L8</u>
<u>L7</u>	L6 and (card with stripe with reader or barcode with reader or keypad or touch with screen or smart with card with reader or kiosk or memory with card)	196	<u>L7</u>
<u>L6</u>	L5 and (telephony with interface or wireless with interface or wireline with communications with interface or "ir" or radio with frequency with interface or "rf")	232	<u>L6</u>
<u>L5</u>	L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")	383	<u>L5</u>
<u>L4</u>	L3 and storage	489	<u>L4</u>
<u>L3</u>	L2 and controller	578	<u>L3</u>
<u>L2</u>	L1 and (information or data)	2001	<u>L2</u>
<u>L1</u>	(electronic near wallet or electronic adj wallet or electronic with wallet)	2322	<u>L1</u>

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L7: Entry 196 of 196

File: DWPI

Sep 28, 2006

DERWENT-ACC-NO: 2007-266047

DERWENT-WEEK: 200726

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TITLE: Secure data storage device equipped with usb flash memory and ic card, and method thereof

INVENTOR: CHEON, C H; CHO, C I

PATENT-ASSIGNEE: KOREA ELECTRONIC BANKING TECHNOLOGY CO (KOELN)

PRIORITY-DATA: 2005KR-0024353 (March 24, 2005)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">KR 2006102584 A</a>	September 28, 2006		000	G06F001/00

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2006102584A	March 24, 2005	2005KR-0024353	

INT-CL (IPC): G06F 1/00; G06F 12/00

ABSTRACTED-PUB-NO: KR2006102584A

## BASIC-ABSTRACT:

NOVELTY - A secure data storage device equipped with a USB(Universal Serial Bus) interface and a method thereof are provided to safely store data by combining a USB flash memory and an IC card, and offer functions of an electronic wallet, electronic cash, and a transportation card by combining the USB flash memory and the IC card, and adding an RF(Radio Frequency) transceiver.

DETAILED DESCRIPTION - A USB connector(210) receives the data through the USB interface. A controller(220) transfers the received data by determining a storage area for storing the received data according to information for fixing the storage area. The flash memory(230) stores the received data and is accessed without any authentication process. A security chip(240) stores the received data and is accessed through the authentication process. The RF transceiver(250) transmits the data stored in the security chip by loading the data to an RF signal and receives the data from an external RF device through the RF signal.

ABSTRACTED-PUB-NO: KR2006102584A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

DERWENT-CLASS: T01 T04 T05 U14 W02

EPI-CODES: T01-C01C; T01-C03C; T01-H01B3A; T01-H01B3D; T01-H01C2; T01-J12C1; T01-N01A1; T04-K03A; T05-H02C5C; T05-L01D; T05-L02; U14-A03; U14-A07; W02-C02G7;

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